

Name: _____

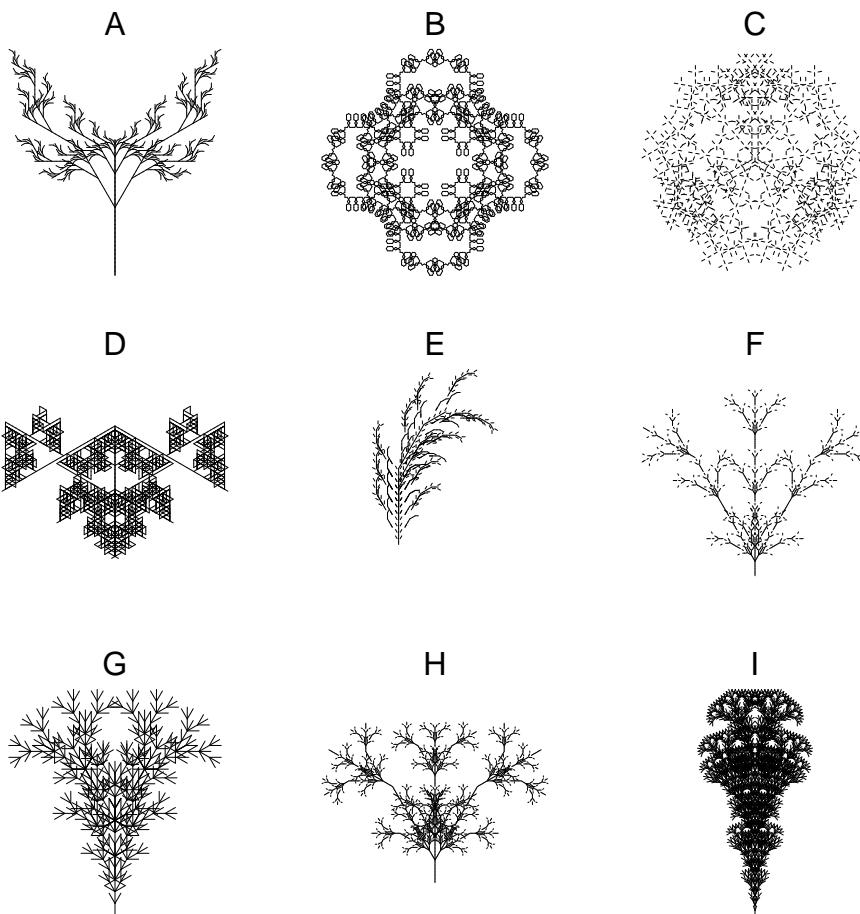
ET_1021 version 6

Consider the L-system (and angle) defined below:

- Start: [A]+++[A]+++[A]
- Rules:
 - A > A[---XB] [-XB] [+XB] [+++XB]
 - B > XB[++XA] [--XA] XA
 - X > XX
- Number of recursions (number of iterations): 4
- Angle: 40°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

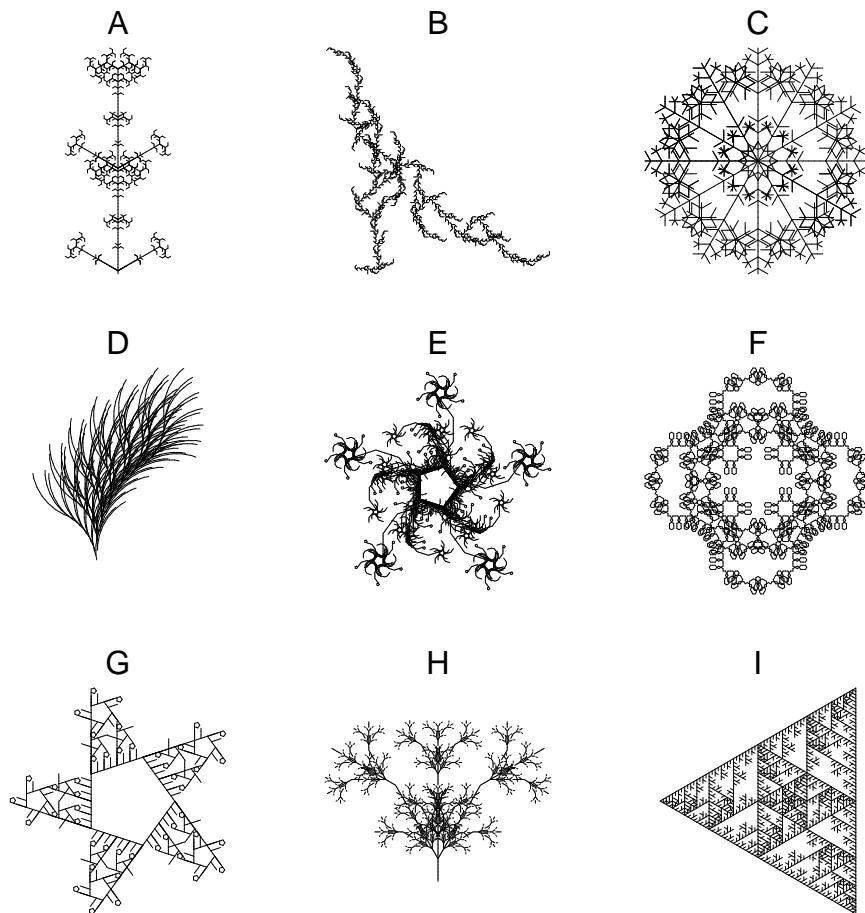
C

Consider the *L*-system (and angle) defined below:

- Start: A
- Rules:
 $A > X[-B+BB+BB+BB+BB+BB+B]$
 $X > XX$
 $B > X[+A-AA-AA-AA-AA-AA-A]$
- Number of recursions (number of iterations): 3
- Angle: 10°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

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